

A B S T R A C T

5

10 Calibration of a camera lens involves two stages. A first stage involves determining intrinsic characteristics of the lens system and generating a computer file containing these characteristics. The first stage is performed once for all. In a second stage, performed each time a camera is used on site with the lens, there is on-site calibration of a package comprising the camera and a lens system is performed in order to define transfer functions between signals from sensors sensing the orientation of the camera and sensors sensing the setting of the lens system and the real characteristics, based on the file and on signals obtained by shooting characteristic points in the scene to be displayed.